

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & 694 S Ramp

Ref.Pt.: 36.950

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 606_TH 47 & 694 S Ramp

Site Code : 606

Start Date : 2/28/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					694 S Ramp From East					TH 47 From South					694 S Ramp From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
06:00 AM	0	0	101	24	125	0	0	0	0	0	0	19	69	0	88	0	72	0	53	125	338
06:15 AM	0	0	203	40	243	0	0	0	0	0	0	39	106	0	145	0	120	2	56	178	566
06:30 AM	0	0	178	40	218	0	0	0	0	0	0	37	124	0	161	0	91	0	66	157	536
06:45 AM	0	0	233	42	275	0	0	0	0	0	0	42	112	0	154	0	134	0	72	206	635
Total	0	0	715	146	861	0	0	0	0	0	0	137	411	0	548	0	417	2	247	666	2075
07:00 AM	0	0	189	55	244	0	0	0	0	0	0	69	144	0	213	0	74	0	80	154	611
07:15 AM	0	0	210	68	278	0	0	0	0	0	0	59	142	0	201	0	89	0	90	179	658
07:30 AM	0	0	283	66	349	0	0	0	0	0	0	50	194	0	244	0	90	0	108	198	791
07:45 AM	0	0	229	72	301	0	0	0	0	0	0	63	169	0	232	0	122	0	130	252	785
Total	0	0	911	261	1172	0	0	0	0	0	0	241	649	0	890	0	375	0	408	783	2845
08:00 AM	0	0	215	46	261	0	0	0	0	0	0	43	151	0	194	0	104	0	131	235	690
08:15 AM	0	0	185	50	235	0	0	0	0	0	0	35	149	0	184	0	97	0	148	245	664
08:30 AM	0	0	129	42	171	0	0	0	0	0	0	45	149	0	194	0	98	0	117	215	580
08:45 AM	0	0	142	47	189	0	0	0	0	0	0	31	140	0	171	0	80	5	150	235	595
Total	0	0	671	185	856	0	0	0	0	0	0	154	589	0	743	0	379	5	546	930	2529
09:00 AM	0	0	136	55	191	0	0	0	0	0	0	30	132	0	162	0	73	1	112	186	539
09:15 AM	0	0	89	58	147	0	0	0	0	0	0	40	134	0	174	0	71	0	120	191	512
*** BREAK ***																					
Total	0	0	225	113	338	0	0	0	0	0	0	70	266	0	336	0	144	1	232	377	1051
*** BREAK ***																					
10:30 AM	0	0	110	63	173	0	0	0	0	0	0	38	113	0	151	0	76	0	79	155	479
10:45 AM	0	0	108	43	151	0	0	0	0	0	0	33	114	0	147	0	93	1	122	216	514
Total	0	0	218	106	324	0	0	0	0	0	0	71	227	0	298	0	169	1	201	371	993
11:00 AM	0	0	112	49	161	0	0	0	0	0	0	25	139	0	164	0	82	1	96	179	504
11:15 AM	0	0	91	57	148	0	0	0	0	0	0	36	123	0	159	0	66	0	112	178	485
11:30 AM	0	0	103	69	172	0	0	0	0	0	0	44	146	0	190	0	59	0	102	161	523
11:45 AM	0	0	106	57	163	0	0	0	0	0	0	37	141	0	178	0	71	0	111	182	523
Total	0	0	412	232	644	0	0	0	0	0	0	142	549	0	691	0	278	1	421	700	2035
12:00 PM	0	0	97	69	166	0	0	0	0	0	0	30	147	0	177	0	87	1	102	190	533
12:15 PM	0	0	130	75	205	0	0	0	0	0	0	30	154	0	184	0	92	0	106	198	587
12:30 PM	0	0	104	71	175	0	0	0	0	0	0	34	156	0	190	0	81	0	119	200	565
12:45 PM	0	0	104	78	182	0	0	0	0	0	0	41	162	0	203	0	72	2	119	193	578
Total	0	0	435	293	728	0	0	0	0	0	0	135	619	0	754	0	332	3	446	781	2263
01:00 PM	0	0	109	78	187	0	0	0	0	0	0	46	125	0	171	0	79	0	117	196	554
01:15 PM	0	0	107	83	190	0	0	0	0	0	0	50	152	0	202	0	99	0	114	213	605
*** BREAK ***																					
Total	0	0	216	161	377	0	0	0	0	0	0	96	277	0	373	0	178	0	231	409	1159
*** BREAK ***																					
02:30 PM	0	0	123	60	183	0	0	0	0	0	0	88	222	0	310	0	125	0	168	293	786
02:45 PM	0	0	184	90	274	0	0	0	0	0	0	66	219	0	285	0	116	0	173	289	848
Total	0	0	307	150	457	0	0	0	0	0	0	154	441	0	595	0	241	0	341	582	1634
03:00 PM	0	0	139	78	217	0	0	0	0	0	0	72	222	0	294	0	110	0	178	288	799
03:15 PM	1	0	161	73	235	0	0	0	0	0	0	59	231	0	290	0	113	0	208	321	846
03:30 PM	0	0	138	84	222	0	0	0	0	0	0	87	278	0	365	0	121	0	185	306	893
03:45 PM	0	0	165	74	239	0	0	0	0	0	0	55	253	0	308	0	121	0	180	301	848
Total	1	0	603	309	913	0	0	0	0	0	0	273	984	0	1257	0	465	0	751	1216	3386
04:00 PM	0	0	179	81	260	0	0	0	0	0	0	61	262	0	323	0	121	0	181	302	885
04:15 PM	0	0	165	63	228	0	0	0	0	0	0	60	303	0	363	0	106	0	185	291	882
04:30 PM	0	0	134	64	198	0	0	0	0	0	0	72	304	0	376	0	99	0	187	286	860

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04:45 PM	0	0	172	83	255	0	0	0	0	0	0	58	323	0	381	0	84	0	193	277	913
Total	0	0	650	291	941	0	0	0	0	0	0	251	1192	0	1443	0	410	0	746	1156	3540
05:00 PM	0	0	177	59	236	0	0	0	0	0	0	76	330	0	406	0	78	0	164	242	884
05:15 PM	0	0	160	43	203	0	0	0	0	0	0	53	324	0	377	0	119	0	137	256	836
05:30 PM	0	0	113	67	180	0	0	0	0	0	0	59	287	0	346	0	126	0	158	284	810
05:45 PM	0	0	141	58	199	0	0	0	0	0	0	45	250	0	295	0	112	0	172	284	778
Total	0	0	591	227	818	0	0	0	0	0	0	233	1191	0	1424	0	435	0	631	1066	3308
Grand Total	1	0	5954	2474	8429	0	0	0	0	0	0	1957	7395	0	9352	0	3823	13	5201	9037	26818
Apprch %	0	0	70.6	29.4		0	0	0	0		0	20.9	79.1	0		0	42.3	0.1	57.6		
Total %	0	0	22.2	9.2	31.4	0	0	0	0	0	0	7.3	27.6	0	34.9	0	14.3	0	19.4	33.7	
Class 1	0	0	5588	2284	7872	0	0	0	0	0	0	1715	6974	0	8689	0	3469	12	4960	8441	25002
% Class 1	0	0	93.9	92.3	93.4	0	0	0	0	0	0	87.6	94.3	0	92.9	0	90.7	92.3	95.4	93.4	93.2
Class 2	1	0	366	190	557	0	0	0	0	0	0	242	421	0	663	0	354	1	241	596	1816
% Class 2	100	0	6.1	7.7	6.6	0	0	0	0	0	0	12.4	5.7	0	7.1	0	9.3	7.7	4.6	6.6	6.8

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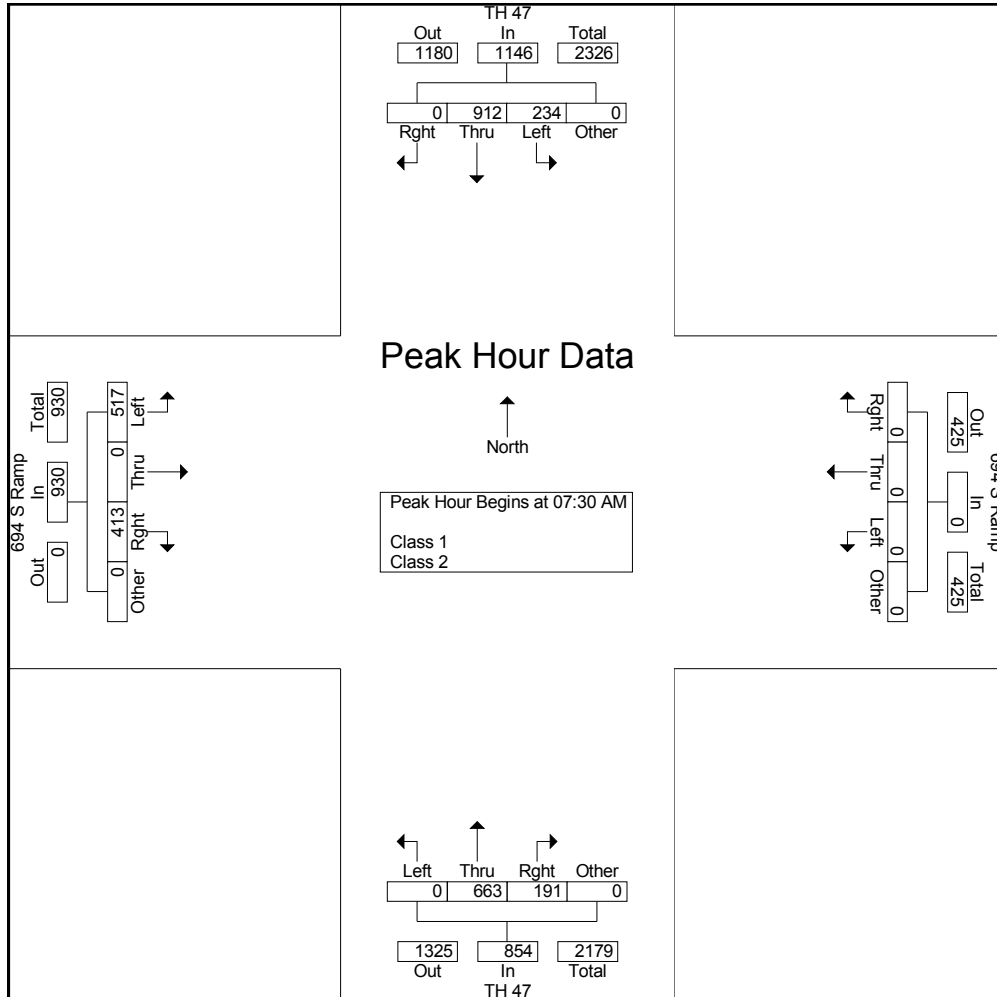
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	283	66	349	0	0	0	0	0	0	50	194	0	244	0	90	0	108	198	791
07:45 AM	0	0	229	72	301	0	0	0	0	0	0	63	169	0	232	0	122	0	130	252	785
08:00 AM	0	0	215	46	261	0	0	0	0	0	0	43	151	0	194	0	104	0	131	235	690
08:15 AM	0	0	185	50	235	0	0	0	0	0	0	35	149	0	184	0	97	0	148	245	664
Total Volume	0	0	912	234	1146	0	0	0	0	0	0	191	663	0	854	0	413	0	517	930	2930
% App. Total	0	0	79.6	20.4		0	0	0	0	0	0	22.4	77.6	0		0	44.4	0	55.6		
PHF	.000	.000	.806	.813	.821	.000	.000	.000	.000	.000	.000	.758	.854	.000	.875	.000	.846	.000	.873	.923	.926



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Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	0	179	81	260	0	0	0	0	0	0	61	262	0	323	0	121	0	181	302	885
04:15 PM	0	0	165	63	228	0	0	0	0	0	0	60	303	0	363	0	106	0	185	291	882
04:30 PM	0	0	134	64	198	0	0	0	0	0	0	72	304	0	376	0	99	0	187	286	860
04:45 PM	0	0	172	83	255	0	0	0	0	0	0	58	323	0	381	0	84	0	193	277	913
Total Volume	0	0	650	291	941	0	0	0	0	0	0	251	1192	0	1443	0	410	0	746	1156	3540
% App. Total	0	0	69.1	30.9		0	0	0	0	0	0	17.4	82.6	0		0	35.5	0	64.5		
PHF	.000	.000	.908	.877	.905	.000	.000	.000	.000	.000	.000	.872	.923	.000	.947	.000	.847	.000	.966	.957	.969

